

U.S. Patent Application of Yamane et al.  
Serial No.: 09/604,896 - Art Unit: 2857

**IN THE SPECIFICATION:**

Kindly amend the specification as follows. Please see the Remarks section for further comments.

On page 1, before the first sentence, kindly amend and insert as follows.

This application is a continuation of Application 09/604,896, filed June 28, 2000, which further claims priority benefit of JP App. No. 245183/99 filed August 31, 1999, the contents of which are both herein incorporated fully by reference.

On page 2, kindly amend the first full paragraph as follows:

The APD is defined as a time rate where the instantaneous value of a signal, such as electromagnetic interference waves, exceeds a predetermined value, to show a total time length of the instantaneous value exceeding a level  $E_k$  in a test time period  $T_0$ . The CRD is defined as the number of crossing per unit time where to instantaneous value of the signal crosses the specified level  $E_k$  in a positive direction (or a negative direction).

On page 12, kindly amend the second full paragraph as follows:

With reference to Fig. 7, the construction and operation of the arbitrary distribution random number generator 2 will now be described. This arbitrary distribution random number generator 2 generat[ors]es, alternately, the binary codes  $i_1$  employed for determining the pulse duration time length  $T_{11}$  of the binary codes  $x_1$  included in the amplitude probability distribution  $apd_1(x_1)$ , or the binary codes  $i_2$  employed for determining the pulse duration length  $T_{12}$  of the binary codes  $x_2$  included in the amplitude probability distribution  $apd_2(x_2)$ .

On page 12, kindly amend the third full paragraph as follows:

This arbitrary distribution random number generator [2] 1 is in construction and operation similar to the arbitrary distribution random number generator 2. In the latter, however, the clock (2) is employed

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in place of the clock (1). In each memory 12 of bit generators 2-1 to 2-8, data for generating the pulse duration distribution  $pdd_1(i_1)$  and the pulse spacing distribution  $psd(i_2)$  stands in place of the amplitude probability distribution  $apd_1(x_1)$  and the amplitude probability distribution  $apd_2(x_2)$ . From the function  $n(T_{ii})$  of a number n and the pulse duration length  $T_{ii}$ , the pulse duration distribution  $pdd_1(i_1)$  can be calculated in accordance with the equation (6).